Appl. No.: 10/814,706
Amdt. dated: May 31, 2006
Amendment under 37 CFR 1.116 Expedited Procedure
Examining Group 2186

PATENT

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.   (currently amended) A storage system coupled to a host computer via a first interface the storage system comprising:

a first interface to be coupled to a host computer sending I/O instruction;

a second interface to be coupled to a console [[for receiving]] sending management instruction to the storage system from the console;

a storage controller, coupled to the first interface, the second interface and a plurality of storage devices, that conducts an I/O instruction from the host computer and the management instruction from the console;

a data storing area configured with at least one of the plurality of storage devices for storing data write accessible by the I/O instruction from the host computer via the first interface, an attribute of the data storing area being managed by the storage controller based on the management instruction; and

a log storing area configured with at least one of the plurality of storage devices for storing log information [[of]] associated with descriptions of the received management instructions which [[is]] are target to the data storing area, the log storing area being different from the data storing area;

wherein the management instruction is for managing attributes of the data storing area; and

wherein the storage controller records [[collects]] the log information of the received management instruction targeted to data storing area in the log storing area and restricts the host computer from write access to the log storing area via the first interface.

2.-3.   (canceled)

Appl. No.: 10/814,706
Amdt. dated: May 31, 2006
Amendment under 37 CFR 1.116 Expedited Procedure
Examining Group 2186

PATENT

4.   (previously presented) The storage system of claim 1 wherein the plurality of storage devices are hard disk drives, the storage system having at least 10 hard disk drives, the storage system being a disk array unit.

5.-18. (canceled)

19.   (currently amended) The storage system of claim 1, wherein the data storing area is configured with at least one of a plurality of storage volumes defined in at least one of the plurality of storage devices, wherein the storage controller [[collects]] records log information of the received management instruction which is targeted to the at least one of the storage volumes [[when]] if the at least one of the storage volumes are set write protect.

20.   (currently amended) The storage system of claim 1, wherein the storage controller [[collects]] records log information of the I/O instruction.

21.   (previously presented) The storage system of claim 20, wherein the log information of the management instruction is stored separately from the log information of the I/O instruction.

22.   (currently amended) The storage system of claim 1, wherein the log information of the received management instruction includes a command to change an attribute of the data storing area.

23.   (currently amended) The storage system of claim 1, wherein the data storing area is configured with at least one of a plurality of storage volumes defined in at least one of the plurality of storage devices, wherein the log information of the received management instruction is stored being associated with each of the storage volumes.

24.   (previously presented) The storage system of claim 1, wherein one of the plurality of storage devices has the log storing area and the data storing area therein.

Appl. No.: 10/814,706
Amdt. dated: May 31, 2006
Amendment under 37 CFR 1.116 Expedited Procedure
Examining Group 2186

PATENT

25.　　(previously presented) The storage system of claim 1, wherein the management instruction targeted to the data storing area includes change of an attribute for the data storing area.

26.　　(previously presented) The storage system of claim 25, wherein the attribute for the data storing area includes write protection attribute to restrict the host computer from write access to the data storing area.